



PATENT ABSTRACTS OF JAPAN

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(54) COOLING EQUIPMENT OF REFRIGERATING SHOWCASE

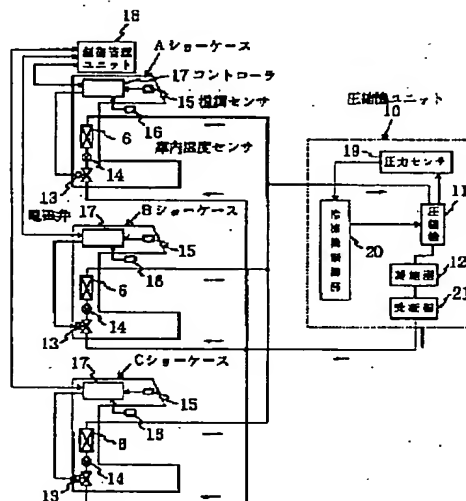
According to this constitution, a load of the compressor 11 is leveled and operating efficiency is improved.

(57) Abstract:

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PROBLEM TO BE SOLVED: To level a load of a compressor of cooling equipment wherein a group of refrigerating showcases are cooled by a common refrigerating machine.

SOLUTION: In cooling equipment wherein solenoid operated valves 13 supplying a refrigerant from a compressor 11 to separate showcases A, B and C controlled to be ON/OFF by controllers 17 respectively on the basis of a circulating cold temperature measured by a temperature regulating sensor 15, a control unit 18 which controls cooling of the whole of the showcases A, B and C is provided. When the ON/OFF operations of the solenoid operated valves 13 come into a stable state, a refrigerant control is switched from an individual control of the showcases A, B and C over to a general control for supplying the showcases A, B and C, with a refrigerant sequentially in a prescribed pattern and on a time-sharing basis.



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